

# Rapid Response Water Packaging System

*Lightweight simple reliable safe delivery of potable water in quick-fill non-refillable pouches and bags*

*Ready for Emergency and Disaster Relief Deployment*



## Proven Packaging System

- Packaging up to 125 GPH (480 1-liter bags/hour)
- Proven Commercial/Industrial Bagging System
- Rugged – 1000 mile Rough Road Test

## Stand alone System

- Included Supply Pump, Compressor & 2/5 kW MEP 120 VAC generator
- Connect to any potable water source with onboard UV Sterilization & 0.35 micron Filtration.

## Forward Mobility

- Air & Container transportable
- Standard Rugged Flat Trailer transport
- Multiple (4) layers of protection from windblown dust and bacterial contamination

## Reliable and Safe Water Pouch Design

- Meets FDA CFR 21 -129 & 165 bacteriological standards
- Bag design exceeds 45 day shelf-life standards
- Sizes: 1, 5, & 10 Liter pouches plus 3 Liter Hydration Packs
- Date and lot labels printed on each bag

## Efficient

- No specialized operator skills, easy to set-up & use
- Only 0.84 kW Power Required; 5.9A at 120 VAC operating demand
- Easy Drink™ spout saves water, similar to a bottled water cap
- Individual re-sealable water in disposal pouches

## Easy to operate and maintain

- Built-in daily system sanitization without chemicals



## Engineered Solutions LLC

2740 South Highway 1651  
Stearns, KY 42647-6209  
606-376-5021 [www.outdoorventure.com](http://www.outdoorventure.com)

## Technical Features

Specification	Performance
<b>Bag Fill rate</b>	500 to 540 1-liter bags/hr demonstrated. Up to 125 GPH
<b>Bagged Water Quality</b>	Zero Coliform tested (TB-MED 577). USAPHC evaluated
<b>Bagged Water Stability</b>	Zero Coliform, no taste or odor. Successfully tested 45 days at 120° F in direct sunlight.
<b>Bag durability</b>	6 psi & 10' drop demonstrated
<b>Bag holder capacity</b>	150# holding, 60 1-liter bags, 20 3-liter bags
<b>Power requirement</b>	0.84 kW normal measured; 2kW genset for operation
<b>Weight/Trailer</b>	<4500# gross, <460# tongue, CG stability verified
<b>Transport</b>	1000 miles rugged road tested. Helicopter and sling transport. Drop tested successfully
<b>Environmental</b>	Sand/blowing rain tested in temperature extremes
<b>Safety</b>	Safety assessment and human factors tested.



Operator Controls

### Multiple spout/size configurations available



Bag Fill Rates			
Bag Size	Bags/Hr	Liters/Hr	Gallons/Hr
1-Liter	480	480	125
3-Liter	370	1110	290
5-Liter	313	1565	413
10-Liter	218	2180	575

## Support Services

- ❖ Integration with purification and water quality testing systems
- ❖ On-site Training for both operation and field maintenance
- ❖ Spares and Provisioning including all consumables
- ❖ On-call technical support with T&M for field support



### Engineered Solutions LLC

2740 South Highway 1651  
Stearns, KY 42647-6209  
606-376-5021 www.outdoorventure.com